



Baculovirus Genomic DNA with polyhedrin gene

Product Summary

Cat. No: STV21
Quantity: 1 µg/10 µl
Storage: Store at 4°C
Stability: Stable for 6 months in appropriate conditions

Description:

Baculovirus genomic DNA, which is 150 kb and contains polyhedrin gene, is a positive control DNA in sf9 insect cells. This baculovirus was generated from co-transfection of superBAC and pAcYM1-polyhedrin control vector in sf9 insect cells. After amplification and large scale production, this baculovirus genomic DNA was purified by BAC column and the genomic DNA was kept in 0.1 x TE buffer. After transfection, this baculovirus genomic DNA, contains polyhedrin gene, forms the occlusion body in infected sf9 insect cells. This phenomenon is used to confirm the transfection efficiency and the occlusion body will be identified in the second or third day transfection under microscopy. It is very convenient to investigate under microscopy without staining and fixing in insect cells. In summary, this baculovirus genomic DNA contains the polyhedrin gene and produces the occlusion body in sf9 insect cells. In comparison, pAcYM1-polyhedrin needs superBAC or superBAC derivatives to form a recombinant baculovirus by using homologous recombination in sf9 insect cells.

Related Products

Product	Cat. No.
pAcYM1	STV01
pAcYM1_L21	STV02
pAc	STV03
pAc_L21	STV04
pAcYM1-polyhedrin baculovirus control vector	STV11
superBAC_wt baculovirus DNA	ST001
superBAC_PDI baculovirus DNA	ST002
superBAC_cdc37 baculovirus DNA	ST003

Please contact us for a complete list of the baculovirus related research products, services and further information.

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For Research Use Only. Not for Diagnostic or Therapeutic Use.

This baculovirus genomic DNA is used to test transfection efficiency in sf9 insect cells only. This baculovirus genomic DNA, developed in SHEATECH, produces the occlusion body, however, it is different from the wild type baculovirus DNA. It is not used for diagnostic or therapeutic use etc. Any use of this product other than the permitted use without the express written authorization of SHEATECH is prohibited.